

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

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Agenda

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, April 17, 2013

Time: 2:00 to 4:00 p.m.

Location: 155 Bovet Road – 1st Floor Conference Room
San Mateo, CA

1. Introductions
2. Public Comment
3. Approval of Minutes from November 2012, January 2013 and March 2013
(Susan Wright) Action
4. Presentation on Updated Data for 2010 - 2012 Energy Use and Efficiency Programs in San Mateo County for the SMC Energy Strategy Update
(Kim Springer, Sapna Dixit-PG&E) Information, Direction
5. Presentation and Update on San Mateo County Green Star Schools Program and SMCEW Benchmarking Project.
(Susan Wright, Samir Dhebar, Bjorn Gripenburg) Information
6. Update on and Agenda for Joint Venture Climate Adaptation Workshop.
(Kim Springer, Susan Wright) Information, Direction
7. Committee Member Updates
8. Next Regular Meeting Date: May 15, 2013

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RESOURCE MANAGEMENT AND CLIMATE PROTECTION TASK FORCE
Minutes from the 1-11-13 Meeting

In attendance:

Michael Barber, Supervisor Pine's office
Samir Dhebar, County of San Mateo RecycleWorks (staff)
Pedro Gonzalez, South San Francisco City Council*
Deborah Gordon, Committee Chair, Woodside Town Council*
Adrienne Etherton, Sustainable San Mateo County
Scott Hart, PG&E
Peggy Jensen, County of San Mateo (3:55)
Kathy Lavezzo, PG&E
Danielle Lee, County of San Mateo (3:30)
Barbara Pierce, Redwood City Council*
Kim Springer, County of San Mateo RecycleWorks (staff)
Jennifer Stuart, PG&E
Sandy Wong, C/CAG
Susan Wright, County of San Mateo RecycleWorks (staff)
Alex Palantzas, San Mateo County Hispanic Chamber of Commerce

Not in attendance:

Noelle Bell-Copley, Ecology Action
Bob Cormia, Foothill De Anza Community College
Maryann Moise Derwin, Committee Vice Chair, Portola Valley Town Council*
Jorge Jaramillo, San Mateo County Hispanic Chamber of Commerce
Dave Pine, San Mateo County Board of Supervisors*
Nicole Sandkulla, BAWSCA
Eric Sevim, A+ Japanese Auto Repair
Lauren Swezey, Facebook
*=Voting member

1) Introductions

Attendees introduced themselves and their organizations.

2) Public Comment

There was no public comment.

3) Approval of Minutes

Members were not able to approve the Minutes from the November 2012 meeting because there was not a quorum.

4) Current Roster and Open Seats on the RMCP Committee (Kim Springer)

PUBLIC NOTICING: All notices of C/CAG Board and Committee meetings are posted at:
San Mateo County Transit District Office, 1250 San Carlos Ave., San Carlos, CA.

It is believed that Sepi Richardson has retired. Kim Springer will call her to confirm this. The committee and staff should look for someone else to fill her place.

The group would like to revisit the meeting date. Susan Wright will poll the group regarding availability.

It would be helpful to have another person, possibly from the environmental community or the school community (San Mateo County Office of Education). Kim will follow up with BAWSCA to get a regular water person. The group might be able to meet at BAWSCA's offices again to make it more convenient for them to attend.

5) Update on San Mateo County Energy Watch Program for the 2010-2012 Program Cycle (Susan Wright)

Susan Wright gave an update about the accomplishments of the 2010-2012 program cycle. The presentation is attached.

The group commented that the savings charts should indicate that the energy savings are from projects. It would be interesting to know the cost per kwh saved.

There will be a ceremonial check presentation to the C/CAG Board at the February meeting. It will include all savings from the SMCEW program. This shows leading by example. The city progress reports will be posted soon. SMCEW will let city managers and sustainability coordinators know about them a week in advance of a public announcement.

Kathy Lavezzo explained that most streetlights in San Mateo County are owned by municipalities, not by PG&E.

6) Update on the San Mateo County Energy Watch Program for the 2013-2014 Contract Transition Period (Susan Wright)

Susan Wright explained that SMCEW will begin serving schools and farms in 2013-2014. SMCEW has gotten funding to provide comprehensive energy recommendations to the remaining cities in the county (2012 pilot included four cities). If city managers don't jump on this opportunity, let the RMCP Committee know.

The presentation is attached.

7) Presentation on the ABAG – County of San Mateo, Regional Energy Network Program (Danielle Lee, County of San Mateo)

Danielle Lee gave a presentation about the BayREN's efforts, funded separately through ABAG with funds from the CPUC. The presentation is attached.

The funding will include Energy Upgrade, financing, codes and standards. Rebate for multi-family is \$750 per unit. The County Manager's Office will coordinate with SMCEW to refer landlords to measures for pools, common area lighting.

The group would like to know the countywide energy savings across all programs – where are we, where are we going?

The County is received \$200,000 in local funding for Energy Upgrade, which isn't as much as before. The County doubled the PG&E rebates, but we aren't able to do that this time.

Cara Bautista will be following up with homeowners who participated in Energy Upgrade in 2012 to learn from their experiences and write up case studies.

It was suggested that the BayREN should market the program to real estate professionals and to people planning on remodeling. The program could be used to upgrade foreclosures.

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8) Update on Regionally Integrated Climate Action Planning Suite – RICAPS (Kim Springer)

Kim Springer showed the group the final grant presentation that was given to PG&E and the Bay Area Air Quality Management District in December. The presentation is attached.

Quotes in the presentation indicate that the participating cities are very grateful for the help with their climate action planning. SMCEW is getting funding to help with climate action planning, including inventories, in 2013-2014. Kim is exploring how to address adaptation planning. If cities have an adaptation plan in place and there's any sort of disaster, they will receive additional funding from CalEMA to do things in their plan, even if it's not related to the disaster itself.

The committee would like a presentation from CalEMA in the future.

9) Update on the San Mateo County Green Business Program (Kim Springer)

RecycleWorks has asked each city for \$5,000 to support the program. The C/CAG Board wanted to get input from city managers. How are other counties funding this program? Businesses will be charged a fee to participate.

The County issued an RFP to find a contractor to manage the program. The pre-launch will be in February; the launch will be in March.

10) Committee Member Updates

Sustainable San Mateo County's Sustainability Awards program is on March 21.

11) Next Regular Meeting Date - February 8

The February meeting will be canceled because of State of the Valley.

Attachments:

SMCEW Presentation, including 2010-2012 and 2013-2014

BayREN Presentation

RICAPS Final Grant Presentation

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RESOURCE MANAGEMENT AND CLIMATE PROTECTION TASK FORCE
Minutes from the 3-20-13 Meeting

In attendance:

Michael Barber, Supervisor Pine's office
Lindsay Buckley, Institute for Local Government
Sapna Dixit, PG&E
Pedro Gonzalez, South San Francisco City Council* (2:15)
Deborah Gordon, Committee Chair, Woodside Town Council*
Debbie Kranefuss, Ecology Action
Kathy Lavezzo, PG&E
Barbara Pierce, Redwood City Council*
Nicole Sandkulla, BAWSCA
Kim Springer, County of San Mateo RecycleWorks (staff)
Susan Wright, County of San Mateo RecycleWorks (staff)

Not in attendance:

Noelle Bell-Copley, Ecology Action
Bob Cormia, Foothill De Anza Community College
Maryann Moise Derwin, Committee Vice Chair, Portola Valley Town Council*
Adrienne Etherton, Sustainable San Mateo County
Jorge Jaramillo, San Mateo County Hispanic Chamber of Commerce
Dave Pine, San Mateo County Board of Supervisors*
Eric Sevim, A+ Japanese Auto Repair
Lauren Swezey, Facebook
Sandy Wong, C/CAG
*=Voting member

1) Introductions

Attendees introduced themselves and their organizations.

2) Public Comment

There was no public comment.

3) Approval of Minutes

Members were not able to approve the Minutes from the November 2012 or January 2013 meeting because there was not a quorum.

4) Review and Direction on Current Open Seat(s) on the RMCP Committee (Kim Springer)

To find candidates for the new environmental seat, Kim Springer will reach out to Sustainable San Mateo County, Sierra Club, and other environmental organizations.

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To fill the open seat for an elected official, Kim will send out a letter to elected officials. It would be nice to get representation from the central country or coast.

Staff mentioned that a decision needs to be made about the energy seat. Ecology Action would like to shift their representation from Noelle Bell-Copley to Debbie Kranefuss since Debbie is now the liaison for Ecology Action's programs in San Mateo County. Deborah Gordon mentioned that for those seats, it's more about the organization than the individual, so that didn't seem problematic. Kim will inform the C/CAG Board about the proposed change.

5) Presentation and Direction on 2010-2012 Energy Use and Efficiency Programs in San Mateo County for the SMC Energy Strategy Update (Kim Springer, Sapna Dixit)

Sapna Dixit gave a presentation about countywide energy use trends (see attached). In response to Slide 2, the committee wondered if the downturn in energy use corresponded to a downturn in the economy? In response to Slides 4 and 5, the committee indicated that it's not evident that 1.26% reduction is actually significant. Talking points need to be included to help people understand what the data means. Pair actual data with what was expected (business as usual). We also need to figure out the perceived barriers to doing more.

The committee thought that SMCEW and RMCP should get more publicity for our efforts. For instance, we should have invited the media to attend the ceremonial check presentation to the C/CAG Board on February 14. (SMCEW resented check for \$1,590,459.72 representing the rebates the County received via the SMC Energy Watch program in 2010-2012.) We could highlight businesses that have participated in the program. Example: South San Francisco conference center.

Additional data was requested:

- Show trend in energy use from 1970s to present in BTUs (the commonly shown chart only includes electricity, not natural gas).
- Factor in population and the number of businesses.
- Compare San Mateo County with other counties.
- Participation rate by segment.
- What is left to accomplish? What's the opportunity?
- Number of accounts over time vs. number of accounts touched.
- Bar chart – show residential and commercial.
- Compare energy use vs. economic activity (get data from Joint Venture).

6) Report on California Climate Action Planning Conference 2013 and the Bay Area Climate and Energy Resilience Project Meeting (Kim Springer, Susan Wright)

Susan Wright and Kim Springer presented an overview of the two conferences. The committee wondered if the CAP Conference could be held in San Mateo County next year. There was discussion about why there's public resistance to climate action and adaptation planning in some cities around the state. Brian Moura participated in ILG's recent webinar on Dealing with Deeply Held Concerns and Organized Opposition in Public Engagement Activities: <http://www.ca-ilg.org/webinar/webinar-effective-public-engagement>. The related whitepaper can also be found at that location. Joint Venture's first "It's Just Lunch" session discussed climate change and the need for adaptation planning.

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The committee felt that it's important not to overwhelm people with too many depressing predictions. Instead, focus on what can be done, what the next steps are. It's unclear how adaptation efforts will be paid for. Facilities may need to be moved rather than building sea walls. We will need to work together regionally on adaptation. The process will be to look at risks, develop a plan, figure out how to pay for it.

7) Institute for Local Government Presentation on Beacon Award program for Climate Action Planning Progress by Cities (Kim Springer, Lindsay Buckley - ILG)

Lindsay Buckley gave a presentation about the ILG's Beacon Award program.

8) Update on Regionally Integrated Climate Action Planning Suite – RICAPS (Kim Springer)

Kim Springer showed the group the final grant presentation that was given to PG&E and the Bay Area Air Quality Management District in December. The presentation is attached.

Quotes in the presentation indicate that the participating cities are very grateful for the help with their climate action planning. SMCEW is getting funding to help with climate action planning, including inventories, in 2013-2014. Kim is exploring how to address adaptation planning. If cities have an adaptation plan in place and there's any sort of disaster, they will receive additional funding from CalEMA to do things in their plan, even if it's not related to the disaster itself.

The committee would like a presentation from CalEMA in the future.

9) Committee Member Updates

Deborah Gordon mentioned that outgoing U.S. Energy Secretary Steven Chu will rejoin the faculty of Stanford University. We may be able to tap him as a resource for something. Arun Majumdar, the former Director of the Department of Energy's ARPA-E program will be joining Google's philanthropic arm, Google.org working on their energy plan.

Nicole Sandkulla mentioned that this has been a very dry year, but luckily there has been low water usage, so we won't need to ration this summer. One local reservoir is being rebuilt.

10) Next Regular Meeting Date – April 17 @ 2pm at BAWSCA offices, 155 Bovet Road, San Mateo

Attachments:

1. PG&E Energy Use Presentation
2. CAP Conferences Presentation
3. Beacon Award Final Grant Presentation

C/CAG AGENDA REPORT

Date: April 17, 2013
To: Resource Management and Climate Protection Committee
From: Kim Springer, County Staff to C/CAG
Subject: Presentation and Update on 2010-2012 Energy Use and Efficiency Programs in San Mateo County for the SMC Energy Strategy Update

(For further information contact Kim Springer at 650-599-1412)

RECOMMENDATION

Receive a presentation and give direction to staff on 2010-2012 energy use and efficiency program in San Mateo County to support the SMC Energy Strategy update.

FISCAL IMPACT

None.

BACKGROUND/DISCUSSION

In an effort to continue progress on the completion of the San Mateo County Energy Strategy document update, staff requested a presentation from PG&E on different energy efficiency programs delivered in San Mateo County at the March 2013 meeting.

The presentation included information on organization implementing energy efficiency in San Mateo County and various graphs of energy use trends. The committee gave direction that lead staff to ask PG&E to come back for this meeting to help clarify some questions posed and to provide additional information.

Community Energy Manager with PG&E, Sapna Dixit will be back to give an enhanced presentation and some new data comparing national, state and local trends..

ATTACHMENT

None

C/CAG AGENDA REPORT

Date: April 17, 2013
To: Resource Management and Climate Protection Committee
From: Susan Wright, County Staff to C/CAG
Subject: Presentation and Update on San Mateo County Green Star Schools Program and SMCEW Benchmarking Project
(for further information contact Susan Wright at 650-599-1403)

RECOMMENDATION

Receive an update on the San Mateo County Green Star Schools Program and the San Mateo County Energy Watch (SMCEW) schools benchmarking project.

FISCAL IMPACT

All SMCEW program staff costs and expenses are paid for by funding under the C/CAG – PG&E LGP agreement.

BACKGROUND/DISCUSSION

San Mateo County Energy Watch is a local government partnership between the City and County Association of Governments of San Mateo County (C/CAG) and Pacific Gas and Electric Company (PG&E). This program is managed and staffed by RecycleWorks, a program of the County of San Mateo.

In the 2013-2014 program cycle, SMCEW is serving the municipal, non-profit, residential, farm, and school sectors.

Benchmarking Project

SMCEW has a goal of benchmarking all 174 public schools in the county by the end of 2013 in order to help the San Mateo County Office of Education (SMCOE) and individual school districts identify opportunities for energy savings. Energy performance benchmarking via the EPA's Portfolio Manager online tool will support data-driven decision-making regarding energy efficiency upgrades at school sites, and provide justification needed in applications for grants and technical assistance. The benchmarking results will also inform other PG&E-contracted vendors in their efforts to identify opportunities to serve schools in San Mateo County.

The benchmarking project is being coordinated by Samir Dhebar, Climate Corps member for SMC Energy Watch. Samir is managing a team of five interns from Skyline College to assist in this effort.

Green Star Schools

In collaboration with the San Mateo County Office of Education and San Mateo County RecycleWorks Green Star Schools program, SMC Energy Watch is offering high school instructors the opportunity to involve their students in the benchmarking project. The project provides students with an interactive, hands-on service learning experience, including helping to

collect data from school facilities and examine usage habits. Students will then identify opportunities for energy savings in their schools. Students receive instruction on energy conservation and the importance of benchmarking data collection prior to conducting their own assessments.

Participating groups can choose to receive Green Star Schools Energy Conservation Certification, a process that asks students to complete a more detailed assessment and create an action plan to reduce their school's carbon footprint.

Green Star Schools is a certification program of County of San Mateo designed to support and honor the work of teachers and students in the advancement of environmental sustainability. Coordination of the energy and water pathways for Green Star Schools and collaboration with the SMC Energy Watch benchmarking project is led by Bjorn Gripenburg, Climate Corps member funded by San Mateo County Energy Watch.

ATTACHMENT

N/A

C/CAG AGENDA REPORT

Date: April 17, 2013
To: Resource Management and Climate Protection Committee
From: Kim Springer, County Staff
Subject: Update on Agenda for Joint Venture Climate Adaptation Workshop
(for further information contact Kim Springer at 599-1412)

RECOMMENDATION

Receive an update on an agenda for a Joint Venture Climate Adaptation Workshop and give direction to staff on workshop content.

FISCAL IMPACT

Staff time for work on climate adaptation comes from Congestion Relief funds provided to support the RMCP committee. Costs for the workshop are paid for from funds allocated to Joint Venture by the C/CAG Board through FY 2012/13. Future funding for climate adaptation planning efforts may be developed through grants.

BACKGROUND/DISCUSSION

Climate Adaptation planning, how local governments, business, residents and other stakeholders plan for changes in sea level, high temperature days, fire and other risks as a result of climate change is a growing discussion. At the March 2013 meeting, staff presented information from a workshop provided by the Joint Policy Committee on adaptation.

Staff has been working with Joint Venture to develop an agenda for workshop on Climate Adaptation Planning for San Mateo County wide city planning and environmental staff, elected officials and city management. The workshop is intended to give a general education on adaptation planning, including regional efforts. The workshop date is not yet set but is intended to occur before the end June 2013 in order to leverage funding provided to Joint Venture.

A draft of the workshop agenda is provided for your review as an attachment to this staff report.

ATTACHMENT

Draft Adaptation Planning Workshop Agenda

Adaptation Workshop – Draft Agenda

Goal: Propel cities along the path of thinking about adaptation planning.

Audience: Elected officials, city and county staff responsible for sustainability, planning, and community development, public works, public health.

Date: By June 15, 2013

Duration: 3 hours

Workshop Format:

Introduction: Adaptation Planning 101

What is an adaptation plan and what should it include? (You probably already have a plan for much of it, it's just knitting it together.) What are the benefits of doing a plan? Give an overview, and then a brief presentation on each major issue.

- David Ackerly (UC Berkeley) - Snapshots
- Sea level rise – BCDC
- High heat days – Health Dept.
- Air quality - BAAQMD
- Water availability - BAWSCA
- Wild fire – Parks, Cal Fire, Dept of Forestry?

Approaches to planning

Regional, countywide, local efforts. Who are the stakeholders? Community resilience, climate action plans, and adaptation plans and how they integrate. Future funding.

- Bruce Riordan (JPC)
- Bay Area Adaptation Center (regionally collaborative effort)
- Campaign for Dedicated Planning Resources (funding plans)
- Regional Leaders Forum (local leadership)
- Vulnerable Communities
- Integrating adaptation in CAPs (Abby Young, Michael McCormick)

Case studies and best practices

- Julia Burrows, Greenwise Joint Venture (Roseville)
- Andrew Gunther, Bay Area Ecosystems Climate Change Consortium (East Bay pilot)
- Communicating with the public

Next steps – collaboration and communication